

1 50 (Amended) The speech recognition system according to claim 48 wherein the
2 processing system is modified by modifying an acoustic model, thereby forming a speaker-
3 specific acoustic model.

1 51 (Amended) The speech recognition system according to claim 50 wherein the
2 processing system includes a memory for storing the speaker-specific acoustic model in
3 association with the identification of the telephone caller.

1 52 (Amended) The speech recognition system according to claim 51 wherein the memory
2 stores a plurality of speaker-specific acoustic models, one for each of a plurality of telephone
3 callers and wherein each speaker-specific acoustic model is stored in association with the
4 identification of the corresponding telephone caller.

1 53 (Amended) The speech recognition system according to claim 52 wherein the selected
2 ones of the plurality of speaker-specific acoustic models are deleted when a predetermined period
3 of time has elapsed since the corresponding speaker last engaged in a remote session with the
4 voice recognizer.

1 54 (Amended) A method of adapting an acoustic model utilized for speech recognition,
2 wherein the method comprises steps of:
3 a. obtaining an identification of a speaker;
4 b. obtaining a speech utterance from the speaker during a remote session;
5 c. recognizing the speaker's speech utilizing an acoustic model during the remote
6 session;
7 d. making a determination relative to the speech utterance; and
8 e. only when indicated by the determination, performing steps of:
9 i. modifying the acoustic model according to the speech utterance thereby
10 forming a speaker-specific modified acoustic model; and
11 ii. storing a representation of the speaker-specific modified acoustic model in
12 association with the identification of the speaker.

31 57 (Amended) The method according to claim 54 wherein the step of making a
32 determination determines a level of resources available for storing the representation of the
33 speaker-specific modified acoustic model.